



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051
Phone: 827-7682

July 15, 1992

Peter J. Tyrrell, Esq.
Senior Attorney
SNET Cellular, Inc.
227 Church Street
New Haven, CT 06506

RE: Springwich Cellular Limited Partnership (SCLP) Notice of Intent to modify an exempt tower and associated equipment for facilities operated by SCLP located on Birch Mountain Road, Glastonbury; Shuttle Meadow Road, Southington; Town Farm Road, Enfield; Prestige Park Road, East Hartford; 55 Trumbull Street, Hartford; Mountain Road, Hartford; Beckley Road, Berlin; Kikapoo Road, Middlefield; and 391 Niederwerfer Road, South Windsor, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on July 15, 1992, the Connecticut Siting Council acknowledged your notice of exempt modifications at existing tower sites operated by Springwich Cellular Limited Partnership in the cities and towns listed above.

As proposed in your notice dated June 15, 1992, the modifications are in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72 for changes to the existing facility sites that do not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of existing towers meets the Council's long-term goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

Mortimer A. Gelston

Mortimer A. Gelston
Chairman

MAG/bd

6257E

Southern New England Telephone
227 Church Street
New Haven, Connecticut 06510
Phone (203) 771-7381



Peter J. Tyrrell
Senior Attorney

June 15, 1992

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JUN 15 1992

CONNECTICUT
SITING COUNCIL

Mortimer A. Gelston, Chairman
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, Connecticut 06051

Dear Honorable Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities operated by Springwich Cellular Limited Partnership (SCLP). SNET Cellular, Inc., general partner of SCLP, proposes an equipment upgrade at some of the previously authorized cell sites located in the Hartford MSA (also referred to as NECMA). The upgrade will accommodate more channels and involve a change from omni-directional to directional antennas for improved interference control. On the monopoles, the directional antennas will be mounted on the platform in place of the radomes.

Attached are pages detailing the required information. As is shown in the attachments, the proposed changes meet all the necessary criteria established in the Regulations of Connecticut State Agencies, Section 16-50j-72(b)(2) and are thus exempt facilities pursuant to Section 16-50j-73.

Please record me as counsel for SCLP in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads 'Peter J. Tyrrell'.

Attachments
cc: See page 2.

As required by the Public Utility Environmental Standards Act, Section 16-50L(b), a copy of this application has been sent, by messenger or by certified mail, to:

Honorable Richard S. Borden, Jr., Town Manager, Town of
Glastonbury, 2155 Main Street, 06033

Honorable Anthony E. D'Angelo, First Selectman, Town of
Southington, Town Office Bldg., 75 Main Street, 06489

Honorable A. Louis Hayward, Town Manager, Town of Enfield,
820 Enfield Street, 06082

Honorable Susan G. Kniep, Mayor, Town of East Hartford, Town Hall,
740 Main Street, 06108

Honorable Carrie Saxon Perry, Mayor, Town of Hartford, Municipal
Bldg., 550 Main Street, 06103

Honorable Robert J. Peters, Mayor, Town of Berlin, P.O. Box 1,
Kensington, 06037

Honorable David G. Webster, First Selectman, Town of Middlefield,
Town Administration Bldg., 393 Jackson Hill Road, 06455

Honorable Jean E. Zubrigen, Town Manager, Town of South Windsor,
Town Hall, 1540 Sullivan Avenue, 06074

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HARTFORD-SOUTH

JUN 15 1992

CONNECTICUT
SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Mountain Road, Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm^2</u>				<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>			
Cellular	286	103.94	0.20584	0.08536	0.29125	2.933	9.93	
Paging	286	110.82	0.04576	0.0	0.04576	3.103	1.47	

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUN 15 1992

CONNECTICUT
SITING COUNCIL

GLASTONBURY

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Birch Mountain Road, Glastonbury, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm^2</u>					<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>				
Cellular	864	127.39	0.14429	0.04960	0.19389		2.933		6.61
Paging	864	132.38	0.03207	0.0	0.03207		3.103		1.03

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUN 15 1992

CONNECTICUT
SITING COUNCIL

SOUTHINGTON

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Shuttle Meadow Road, Southington, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mw/cm²</u>				<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>	<u>CONNECTICUT STANDARD</u>	
Cellular	483	152.47	0.09945	0.03590	0.13535	2.933	4.61

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUL 15 1992
CONNECTICUT
SPRINGWICH CELLULAR

ENFIELD

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Town Farm Road, Enfield, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mw/cm²</u>				<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>			
Cellular	157	153.26	0.09725	0.03671	0.13396	2.933		4.57
Paging	157	161.25	0.02161	0.0	0.02161	3.103		0.70

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUN 15 1992

EAST HARTFORD

CONNECTICUT
SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Prestige Park Road, East Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>				<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>			
Cellular	70	152.47	0.09945	0.03590	0.13535	2.933		4.61

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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HARTFORD-CENTRAL

JUN 15 1992

CONNECTICUT
SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located at 55 Trumbull Street, Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing telecommunications facility.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>			<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>		
Cellular	33	212.72	0.05588	0.01366	0.06954	2.933	2.37

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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BERLIN

JUN 15 1992

CONNECTICUT
SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Beckley Road, Berlin, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>			<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>		
Cellular	188	150.33	0.01519	0.12404	0.13923	2.933	4.74

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUN 15 1992

CONNECTICUT
SITING COUNCIL

MIDDLEFIELD

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Kikapoo Road, Middlefield, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>			<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>		
Cellular	774	76.94	0.33536	0.19617	0.53153	2.933	18.12
Paging	774	86.83	0.07452	0.0	0.07452	3.103	2.40

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

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JUN 15 1992

CONNECTICUT
SITING COUNCIL

SOUTH WINDSOR

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located at 391 Niederwerfer Road, South Windsor, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

<u>SERVICE</u>	<u>LOCATION HEIGHT AMSL FT.</u>	<u>DISTANCE TO ANTENNA CENTERLINE FEET</u>	<u>POWER DENSITY AT SITE BOUNDARY IN mW/cm²</u>			<u>CONNECTICUT STANDARD</u>	<u>PERCENT OF STANDARD</u>
			<u>EXISTING</u>	<u>INCREASE</u>	<u>TOTAL</u>		
Cellular	400	83.36	0.31041	0.14241	0.45282	2.933	15.44
Paging	400	90.26	0.06898	0.0	0.06898	3.103	2.22

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

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